



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/600,544	06/23/2003	Sung-Min Yoon	1572.1149	5756
21171	7590	06/19/2007		
STAAS & HALSEY LLP SUITE 700 1201 NEW YORK AVENUE, N.W. WASHINGTON, DC 20005			EXAMINER PITARO, RYAN F	
			ART UNIT	PAPER NUMBER
			2174	
			MAIL DATE	DELIVERY MODE
			06/19/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/600,544

Applicant(s)

YOON, SUNG-MIN

Examiner

Ryan F. Pitaro

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 March 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

This action is in response to Amendment A filed 3/28/2007. In the amendment claims 1-26 were amended. This action is Final.

Claim Rejections - 35 USC § 101

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 18-26 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. A machine-readable medium is considered a manufacture unless there is evidence in Applicant's specification that they intend for it to cover signals, waves, etc. Applicant discloses "a machine readable medium" as including "propagated signals (e.g., carrier waves, infrared signals, digital signals, etc.) (page 11, paragraph [0059]). The now amended computer readable medium still includes propagated signals as pointed out above. Deleting these signals from the specification is a common remedy to overcome the rejection set forth under 35 USC 101.

Priority

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-4, 10-14 and 18-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Thurott ("Thurott", Thurott, Paul. "Windows Media Player 7 reviewed." Paul Thurott's SuperSite for Windows. 15 August 2000.

<http://www.winsupersite.com/reviews/wmp7.asp>) in view of Cowart et al. ("Cowart", Cowart, Robert, and Knittel, Brian. Special Edition Using Microsoft Windows XP Professional. Que, 04 December 2001.) in view of Knowlton et al ("Knowlton", US 20030011630).

5. As per independent claim 1, Thurott teaches an integrated management method for multimedia contents integratedly managing a plurality of multimedia players to replay

Art Unit: 2174

multimedia files (Windows Media Player reviewed, *WMP7 is an "all-in-one" digital media solution*), comprising:

a file information registration window (Fig. 1) in which a list of file information of the multimedia files is displayed (Organizing music and video with the Media Library; and Fig. 1), the file information being registered in a file information database (DB) (Organizing music and video with the Media Library, *You can add your entire music collection to the library. If you need something more specific, you can create playlists*); and

registering the file information of the multimedia files in the file information DB by dragging and dropping the multimedia files displayed in the file search window to the file information registration window (Organizing music and video with the Media Library, *You can drag and drop entire drives worth of music into WMP7*).

However, Thurott does not teach expressly the method further comprising activating a file search window in which a list of multimedia files is displayed.

Cowart teaches a method comprising activating a file search window in which a list of multimedia files is displayed (Indexing, *text-search system*; and figure 29.10).

Thurott and Cowart are analogous art because they are in the same field of endeavor, namely graphical user interfaces.

At the time of the invention it would have been obvious to a person of ordinary skill in the art to provide the functions as taught by Cowart within the management method of Thurott in order to find files more efficiently.

The modified Thurott fails to distinctly point out registering different types of media files to the window.

Knowlton teaches registering different types of media files to its respective media library ([0023] lines 1-21).

Therefore it would have been obvious to an artisan at the time of the invention to combine the teaching of Knowlton with the modified method of Thurott. Motivation to do so would have been to provide an organized way to update, add, or delete to each of the media categories.

Independent claim 18 is similar in scope to independent claim 1 and is therefore rejected under similar rationale.

Claims 10 and 11 combined are similar in scope to independent claim 1 and are therefore rejected under similar rationale.

6. As per claim 2, the modified Thurott teaches the integrated management method according to claim 1, wherein the registering the file information (Thurott, Fig. 1) comprises listing file information of dragged/dropped multimedia files (Thurott, Organizing music and video with the Media Library, *You can drag and drop entire drives worth of music into WMP7*).

Claims 12 and 19 are individually similar in scope to claim 2 and are therefore rejected under similar rationale.

7. As per claim 3, the modified Thurott teaches the integrated management method according to claim 1,

wherein the file information registration window comprises at least one of a registration windows according to contents, which is separated according to types of the multimedia files (Thurott, Fig. 1, *Audio, Video*, etc.), and

wherein the activating the file information registration window comprises selecting one of the registration windows according to contents and activating a selected registration window according to contents (Thurott, Fig. 1, *New Age* was selected, as a result *Back to the Rivers of Belief* is displayed alongside related content.).

Claims 13 and 20 are individually similar in scope to claim 3 and are therefore rejected under similar rationale.

8. As per claim 4, the modified Thurott teaches the integrated management method according to claim 3,

wherein the file information DB comprises at least one file information DB according to contents corresponding to the registration window according to contents (Thurott, *Organizing music and video with the Media Library, You can add your entire*

Art Unit: 2174

music collection to the library. If you need something more specific, you can create playlists), and

wherein the registering the file information comprises registering the file information in the file information DB according to contents corresponding to types of the multimedia files (Thurott, Fig. 1, *Audio, Video*, etc.).

Claims 14 and 21 are individually similar in scope to claim 4 and are therefore rejected under similar rationale.

9. Claims 5-8, 15, 16 and 22-25 rejected under 35 U.S.C. 103(a) as being unpatentable over Thurott ("Thurott", Thurott, Paul. "Windows Media Player 7 reviewed." Paul Thurott's SuperSite for Windows. 15 August 2000.

<http://www.winsupersite.com/reviews/wmp7.asp>) and Cowart et al. ("Cowart", Cowart, Robert, and Knittel, Brian. Special Edition Using Microsoft Windows XP Professional. Que, 04 December 2001.) Knowlton et al ("Knowlton", US 20030011630) in further view of Hikida et al. ("Hikida", US #5,737,737).

10.

11. As per claim 5 the modified Thurott teaches the integrated management method according to claim 3, wherein the registering of the file information further comprises:

inspecting whether one of the multimedia files that is dragged and dropped in an activated registration window according to contents has a file type that is able to be

Art Unit: 2174

registered in the activated registration window according to contents (Thurott, Windows Media Player 7 reviewed, WMP7 is unable to playback many formats).

However, the modified Thurott does not teach expressly the method comprising: displaying an error message when one of the multimedia files that is dragged and dropped in the activated registration window according to contents does not have a file type that is able to be registered in the activated registration window according to contents.

Hikida teaches a method comprising: displaying an error message when one of the multimedia files that is dragged and dropped in the activated registration window according to contents does not have a file type that is able to be registered in the activated registration window according to contents (fig. 26).

At the time of the invention it would have been obvious to a person of ordinary skill in the art to provide the functions as taught by Hikida within the management method of the modified Thurott in order to provide the user with constructive feedback.

Claim 22 is similar in scope to claim 5 and is therefore rejected under similar rationale.

12. As per claim 6 the modified Thurott teaches the integrated management method according to claim 5, wherein the inspecting comprises examining an extension of the multimedia file (Hikida, column 9, lines 40-59).

Claim 23 is similar in scope to claim 6 and is therefore rejected under similar rationale.

13. As per claim 7 the modified Thurott teaches the integrated management method according to claim 5, wherein the file information of the multimedia files includes address information of the multimedia files (Hikida, column 10, lines 48-61).

Claims 15 and 24 are individually similar in scope to claim 7 and are therefore rejected under similar rationale.

14. As per claim 8 the modified Thurott teaches the integrated management method according to claim 5, wherein the file information of the multimedia files includes Meta information of the multimedia files (Hikida, column 7, lines 30-31).

Claims 16 and 25 are individually similar in scope to claim 8 and are therefore rejected under similar rationale.

15. Claims 9, 17 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Thurott ("Thurott", Thurott, Paul. "Windows Media Player 7 reviewed." Paul Thurott's SuperSite for Windows. 15 August 2000.

<http://www.winsupersite.com/reviews/wmp7.asp>), Cowart et al. ("Cowart", Cowart, Robert, and Knittel, Brian. Special Edition Using Microsoft Windows XP Professional. Que, 04 December 2001.), Knowlton et al ("Knowlton", US 20030011630) and Hikida et al. ("Hikida", US #5,737,737) and in further view of Levy et al. ("Levy", US #2002/0033844).

16. As per claim 9 the modified Thurott teaches the integrated management method according to claim 8. However, the modified Thurott does not teach expressly the method wherein the registering of the file information further comprises inputting the file

Art Unit: 2174

information of the dragged/dropped multimedia file when the dragged/dropped multimedia file does not include the Meta information.

Levy teaches a method wherein the registering of the file information further comprises inputting the file information of the dragged/dropped multimedia file when the dragged/dropped multimedia file does not include the Meta information (page 6, paragraph [0075]).

At the time of the invention it would have been obvious to a person of ordinary skill in the art to provide the functions as taught by Levy within the management method of the modified Thurott in order to improve connection of multimedia content to a database.

Claims 17 and 26 are individually similar in scope to claim 9 and are therefore rejected under similar rationale.

Response to Arguments

Applicant's arguments with respect to claims 1-26 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ryan F. Pitaro whose telephone number is 571-272-4071. The examiner can normally be reached on 7:00am - 4:30pm Mondays through Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on 571-272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2174

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Ryan Pitaro
Patent Examiner
Art Unit 2174

RFP


KRISTINE KINCAID
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100